

EXPLANATION

- ✕ Mine or quarry
- ⊗ Group of mines or quarries
- ✕ Prospect
- ⊗ Group of prospects
- Roadcut or railroad cut
- ◇ Other excavations
- △ Natural outcrop or float
- Placer or stream deposit
- () Site approximately located

- Ag Silver
- Au Gold
- Ba Barite
- Bz1 Baked zone: limestone conglomerate
- BzS Baked zone: shale, siltstone, and sandstone
- BzS1 Baked zone: shale, siltstone, sandstone, and limestone conglomerate
- Cu Copper minerals, mainly malachite, chrysocolla, and azurite
- Db Diabase
- Hg Cinnabar
- Hm Specular hematite
- Lim Limonite (ocher)
- Pyr Pyroclastics and basalt

- Jurassic or Triassic { Rjd Diabase
- Triassic { Rn Newark Series- Shale, siltstone, sandstone, and conglomerate. Locally includes basalt.
- Contact, approximately located
- Fault, approximately located
- - - Fault, inferred

Localities

Maryland

Montgomery County

1. Dickerson quarries (loc. 30)*
2. Sugarland copper mine (loc. 29)
3. Dawsonville gold occurrence (loc. 27)
4. Seneca Creek cinnabar occurrences (loc. 28)

Virginia

Fairfax County

5. Theodora copper mine (loc. 1)
6. Chantilly copper prospect (loc. 7)
7. Chantilly copper occurrence (loc. 6)
8. Pender specular hematite occurrence (loc. 8)
9. Spencer Farm copper prospect
10. Centreville quarry (loc. 2)
11. Bull Run gold occurrence (loc. 4)

Fauquier County

12. Saint Stephens barite mine (loc. 1)
13. Cedar Run barite mine (loc. 2)
14. Botts barite prospect

Loudoun County

15. Leesburg Lime Company, Inc. quarry (loc. 11)
16. White quarry (loc. 12)
17. Goose Creek copper mines (loc. 8)
18. State roads quarry (loc. 7)
19. Virginia Trap Rock quarry (loc. 6)
20. Old Goose Creek quarry (loc. 5)
21. New Goose Creek quarry (loc. 4)
22. Ocher prospect (loc. 16)
23. Veasco quarry (loc. 15)
24. Evergreen Mills exposure (loc. 9)
25. Sterling specular hematite occurrence (loc. 17)
26. Sterling copper and silver occurrence (loc. 19)
27. Sterling copper and fossil occurrence (loc. 18)
28. Loudoun quarry (loc. 3)
29. Chantilly quarry (loc. 2)
30. Bull Run quarry (loc. 1)

Prince William County

31. Gainesville quarry (loc. 10)
32. Manassas quarry (loc. 11)
33. Brentsville copper prospects (loc. 3)

*Locality number used in Plate 1 and in the text.



Compiled from the following sources: Eggleton, 1975; Froelich, 1975a, 1975b, 1976; Lindsold, 1956; Maryland Geological Survey, 1968; Nelson and Force, 1976; Toeve, 1966, plate 1; Virginia Division of Mineral Resources, 1963; and field work by L.R. Bernstein, 1975-1976.

MAP SHOWING MINERAL DEPOSITS AND GENERALIZED GEOLOGY OF THE TRIASSIC ROCKS NEAR WASHINGTON, D.C.

by

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